CLAIM AMENDMENTS:

Please amend the claims as follows:

1. (Currently amended) A remote control system comprising:

a remote controller including,

an input unit consisting of a plurality of function keys;

a liquid crystal display [[which]] that displays functions associated

with the function keys and that displays device list information;

a control information creating unit [[which]] that performs a display of

the liquid crystal display, based on a program described in a specific language

and outputs control information about a corresponding function in accordance with

a signal inputted from the corresponding function key;

a remote controller-side receiving unit that receives the device list

information; and

a remote controller-side transmitting unit [[which]] that incorporates a

device list information request command and the control information into a data

frame one or more data frames and transmits the same via a radio channel;

a coordinator, distinct from any device controlled by the remote controller,

including:

a coordinator receiving unit that receives therein the device list

information request command transmitted from the remote controller via the radio

channel; and

AMENDMENT   10/813,037

a coordinator transmitting unit that transmits the device list

information to the remote controller in response to the device list information

request command; and

.a controlled device including,

a device-side receiving unit [[which]] that receives therein the data

frame transmitted from the remote controller; and

a plurality of function execution units each of which decodes the

control information in the data frame and executes a function designated by

the remote controller.

2. (Currently amended) A remote control system comprising:

a remote controller including,

an input unit consisting of a plurality of function keys;

a liquid crystal display [[which]] that displays functions associated

with the function keys and that displays device list information;

a control information creating unit [[which]] that performs a display of

the liquid crystal display, based on a program described in a specific language

and outputs control information about a corresponding function in accordance with

a signal inputted from the corresponding function key;

a remote controller-side transmitting unit [[which]] that incorporates a

device list information request command and the control information into a data

frame one or more data frames and transmits the same via a radio channel;

a remote controller-side receiving unit [[which]] that receives therein a data frame transmitted from a controlled device via the radio channel and receives the device list information; and

a display control unit [[which]] that decodes result information lying in the data frame received by the remote controller-side receiving unit and displays the same on the liquid crystal display;

a coordinator, distinct from any device controlled by the remote controller, including:

a coordinator receiving unit that receives therein the device list information request command transmitted from the remote controller via the radio channel; and

a coordinator transmitting unit that transmits the device list information to the remote controller in response to the device list information request command; and

a controlled device including,

a device-side receiving unit [[which]] that receives therein a data frame transmitted from the remote controller;

a plurality of function execution units each of which decodes the control information in the data frame received by the device-side receiving unit and executes a function designated by the remote controller;

a result information creating unit [[which]] that creates result

information of the function executed based on the control information; and

a device-side transmitting unit [[which]] that incorporates the result

information into a data frame and transmits the same to the remote controller via a

radio channel.

3. (Original) A remote control system according to claim 1, wherein the

specific language is HTML or JAVA (registered trademark of US Sun

Microsystems, Inc.), or a combination thereof.

4. (Original) A remote control system according to claim 2, wherein the

specific language is HTML or JAVA (registered trademark of US Sun

Microsystems, Inc.), or a combination thereof.

5. (Original) A remote control system according to claim 2, wherein the

control information creating unit of the remote controller outputs a display

information request command for requiring the controlled device to send display

information displayed on the liquid crystal display in correspondence to the

plurality of function keys in addition to the control information, and

the controlled device has a nonvolatile memory which stores therein the

display information transmitted corresponding to the display information request

command supplied from the remote controller.

AMENDMENT   10/813,037

6. (Original) A remote control system according to claim 2, wherein the control information consists of a control information identifier for identifying the control information and a single or plural instruction codes for executing each individual function of the controlled device, and the instruction codes respectively have the contents related to the operations of the function keys.

7. (Original) A remote control system according to claim 2, wherein the result information comprises a result information identifier for identifying the result information and result data indicative of the result of execution of each function of the controlled device, and the result data has the contents related to the present value of an object to be controlled.